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## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Price Field Office  
125 South 600 West  
Price, Utah 84501

3410  
(UT-070)

Mr. Charles A. Semborski  
Geology/Permitting Supervisor  
Energy West Mining Company  
P. O. Box 310  
Huntington, Utah 84528

JUN 29 2000

Dear Mr. Semborski:

Energy West Mining Company's helicopter drilling exploration plan on Federal coal lease UTU-06039 is approved as submitted, subject to the following conditions:

- 1) All the enclosed Bureau of Land Management (BLM) drilling stipulations will be followed.
- 2) The enclosed Forest Service stipulations will be followed.

If you have any questions regarding this matter, please contact Don Stephens of my staff at 435-636-3608.

Sincerely,

**/s/ THOMAS E. RASMUSSEN****Acting  
FOR**

Richard L. Manus  
Field Manager

## 2 Enclosures

1. BLM Stipulations (2 pp)
2. Forest Service Stipulations (4 pp)

cc: UT-920, J. Kohler, Utah State Office (w/Enclosures)  
Elaine Zieroth (USFS) (w/Enclosures)  
Manti-LaSal National Forest  
599 Price River Drive  
Price, Utah 84501  
Pamela Grubaugh-Littig (UDOGM) (w/Enclosures)  
Division of Oil, Gas and Mining  
1594 West North Temple Street  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

**RECEIVED**

JUL 03 2000

**DIVISION OF  
OIL, GAS AND MINING**

## ATTACHMENT 1

### BLM Stipulations

1. Energy West is responsible to see that all personnel contracted or otherwise doing work on the exploration program are aware of these approval requirements and abide by all regulations governing this program. Any changes to the approved exploration plan must receive approval from the Authorized Officer prior to implementation.
2. When artesian flows or horizons with possible development potential are encountered, the Authorized Officer shall be notified immediately so that a determination may be made concerning their development potential. When possible, water samples shall be collected by the operator for analysis by the BLM. A written report is required upon completion of exploration as noted by Stipulation 7 H.
3. The Authorized Officer representing the BLM shall be notified 24 hours prior to setting surface and/or intermediate casing and plugging of wells, so that the BLM may arrange to be present. Each string shall be cemented in the annulus to the surface. The cement slurry mixture used to plug and seal the drill holes shall be mixed in compliance with standard cement mixing tables (e.g. Haliburton). Any variance from this procedure must be approved in advance by the Authorized Officer. In addition, periodic drilling updates on the weekends will be required if the drilling is nearing the cementing phases, so that representatives of the BLM will be made aware of progress.
4. If adverse down-hole conditions prevent a completed drill hole from being properly plugged after attempting all standard industry plugging procedures, the Authorized Officer shall be contacted immediately to make a determination as to a final plugging procedures.
5. All drilling pits shall be lined to retain drilling fluids, unless sufficient evidence on site specific soil (percolation) and water quality tests are performed to determine a site specific waiver of this stipulation, as determined by the Authorized Officer.
6. The hole location is to be marked by placing an approved marker made of galvanized steel, brass, aluminum or similar noncorrosive metal in the concrete plug. Such markers are to show hole number, year drilled, lessee/licensee name, and as feasible, the section, township, and range in which the hole is located. The top of the concrete plug, if located in a cultivated field must be set below normal plow depth (10 to 12 inches). In noncultivated areas, all marker caps should not protrude above the ground level. All drill holes shall be surveyed in to assure proper location. An exact survey of each drill hole location will be submitted to the Authorized Officer.
7. Upon completion of exploration activities, two copies of each report as required by 43 CFR 3485.1, shall be submitted to the Authorized Officer. The reports, at a minimum, must contain the following:
  - A. Location(s) and serial number(s) of lands under Federal lease or license on which exploration was completed.

- B. A description of the completed exploration operations that includes the number of holes drilled, total depth of each hole, and completion date of each hole.
- C. A map showing the locations of all holes drilled, other excavations, and the coal outcrop lines, as appropriate. The scale of the map shall not be less than 1 inch equals 1 mile.
- D. Analysis of coal samples and other pertinent tests obtained from exploration operations.
- E. Copies of all in-hole mechanical or geophysical stratigraphic surveys or logs, such as electric logs, gamma ray-neutron logs, sonic logs, or any other logs. The records shall include a lithologic log of all strata penetrated and conditions encountered such as water, gas, or any unusual conditions.
- F. Status of reclamation of the disturbed areas.
- G. Any other information requested by the Authorized Officer.
- H. Hydrologic reports using the attached form.

## REPORT OF WATER OBSERVED

Company: \_\_\_\_\_ Lease/License Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Drill Hole Number: \_\_\_\_\_  
\_\_\_\_\_ Date Completed: \_\_\_\_\_  
\_\_\_\_\_ Total Depth: \_\_\_\_\_

Company Contact: \_\_\_\_\_  
Phone Number: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Company Contact: \_\_\_\_\_  
Phone Number: \_\_\_\_\_

Location of Hole: T. \_\_ S., R. \_\_ E., Section \_\_: \_\_ 1/4 \_\_ 1/4 \_\_ 1/4  
Hole Elevation: \_\_\_\_\_ Hole Diameter: \_\_\_\_\_  
Drilling Method: \_\_\_\_\_  
Static Water Level: \_\_\_\_\_

### Aquifer No. 1

Depth Below Ground Elevation: \_\_\_\_\_ Formation: \_\_\_\_\_  
Rock Type: \_\_\_\_\_ Yield(GPM): \_\_\_\_\_  
Date Reported to BLM\*: \_\_\_\_\_ Requirements of BLM\*: \_\_\_\_\_  
\_\_\_\_\_ Water Sample Provided to BLM? \_\_\_\_\_

### Aquifer No. 2

Depth Below Ground Elevation: \_\_\_\_\_ Formation: \_\_\_\_\_  
Rock Type: \_\_\_\_\_ Yield(GPM): \_\_\_\_\_  
Date Reported to BLM\*: \_\_\_\_\_ Requirements of BLM\*: \_\_\_\_\_  
\_\_\_\_\_ Water Sample Provided to BLM? \_\_\_\_\_

### Aquifer No. 3

Depth Below Ground Elevation: \_\_\_\_\_ Formation: \_\_\_\_\_  
Rock Type: \_\_\_\_\_ Yield(GPM): \_\_\_\_\_  
Date Reported to BLM\*: \_\_\_\_\_ Requirements of BLM\*: \_\_\_\_\_  
\_\_\_\_\_ Water Sample Provided to BLM? \_\_\_\_\_

-----\* Refer to Stipulation Number 7

**Energy West Exploration 2000  
Special Use Permit for drill hole on State of Utah  
Lease # ML-48258 (Mill Fork Tract)  
And Mill Fork Road Use Permit  
Stipulations**

**APPENDIX A**

**STIPULATIONS**

Stipulations to be included in the Coal Drilling Permit/License

1. A pre-work meeting including the responsible company representative(s), contractors, and the Forest Service must be conducted at the project location prior to commencement of operations. Site-specific Forest Service requirements will be discussed at this time.
2. A Road Use Permit must be obtained from the Forest Service before equipment is transported onto National Forest System lands. The location of new roads is subject to Forest Service review and approval. No construction may begin prior to approval. Any modifications or changes to approved locations are also subject to review and approval.
3. All surface disturbing activities including reclamation must be supervised by a responsible representative of the permittee/licensee who is aware of the terms and conditions of the projects permits/licenses. A copy of the appropriate permits/licenses must be available for review at the project site and presented upon demand to any Forest Service official.
4. The Forest must be notified 48 hours in advance that heavy equipment will be moved onto National Forest System lands and that surface disturbing activities will commence.
5. Establishment of campsites and staging areas on National Forest System lands in support of this project is subject to Forest Service approval.
6. The Forest Service must be notified of any proposed alterations to the plan of operations. Any changes to the existing plan are subject to Forest Service review and approval.
7. Fire suppression equipment must be available to all personnel working at the project site. Equipment must include at least one hand tool per crew member consisting of shovels and pulaskis and one properly rated fire extinguisher per vehicle and/or internal combustion engine.